

## **Anomalous river drain in the basin of Volga River**

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### **Abstract**

According to the annual values of suspended sediment yield of 11 rivers in the Volga River basin, its abnormal manifestations are revealed over a long period of observation. Anomalies are classified into small, medium, large and extreme ones. The main factors of abnormal manifestations and suspended sediment yield are determined. The bigger the intensity of erosion positive anomalies and suspended sediment yield, the smaller the pool, the closer natural area to the south and the greater landscape anthropogenesis. The erosion process anomalies have a close relationship with a number of other exodynamic process anomalies (landslides, abrasion, chemical denudation). © 2014 AENSI Publisher All rights reserved.

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### **Keywords**

Anomaly, Erosion, Extreme, River basin, Suspended sediment yield, Temporal changeability, Volga